

## **METHOD OF AND APPARATUS FOR HIGH TOLERANCE BRUSH HONING**

### **ABSTRACT**

5       The present invention relates to a honing method and apparatus which  
provides greater control over the edge shape, as well as reductions in the effort  
required to hone multiple edges on workpieces. The invention accomplishes these  
improvements by controlling the speed of the abrasive wheel, as well as the  
orientation and position of the workpiece prior to and/or while it is in contact with  
the abrasive brush. This provides for greater control over the hone shape, hone  
10   size, and hone distribution along all the cutting edges of the tool.